

## EAST Search History

| Ref # | Hits | Search Query                                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2564 | 715/513.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/11 07:21 |
| L2    | 717  | 715/505-508.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/11 07:21 |
| S49   | 627  | 715/505-508.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/11 07:21 |
| S50   | 2088 | 715/513.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/04/11 07:21 |
| S51   | 2109 | 715/513.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/21 12:59 |
| S52   | 630  | 715/505-508.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/21 12:59 |
| S53   | 15   | validat\$3 form tag (html or xml or markup) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH             | ON      | 2005/07/21 13:04 |
| S54   | 49   | filling form field business                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME             | ON      | 2005/07/21 13:04 |
| S55   | 1    | S54 logic                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME             | ON      | 2005/07/21 13:04 |

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| S56 | 138 | validat\$3 code form includ\$3 additional  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2005/07/21 13:04 |
| S57 | 22  | S56 field  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2005/07/21 13:04 |
| S58 | 1   | validat\$3 form tag (html or xml or markup) reus\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 08:24 |
| S59 | 5   | validat\$3 form (html or xml or markup) reus\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 10:54 |
| S60 | 182 | validat\$3 reus\$6 code  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 08:24 |
| S61 | 1   | S60 form fill\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 08:24 |
| S62 | 51  | ("4646250"   "4713753"   "5008810"   "5032979"   "5040132"   "5091868"   "5126728"   "5182705"   "5187787"   "5220604"   "5245553"   "5251291"   "5283861").PN. OR ("5410646").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | SAME | ON | 2006/04/04 09:56 |
| S63 | 14  | validat\$3 form function reus\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 10:54 |
| S64 | 9   | validat\$3 form software reus\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2006/04/04 10:54 |

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|-----|------|--|---|------|-----|------------------|
| S65 | 207  | form reus\$6 (html or xml or markup)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 11:00 |
| S66 | 5    | S65 validat\$3                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 13:40 |
| S67 | 5716 | custom\$6 form field                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 13:45 |
| S68 | 160  | S67 automatic                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 13:41 |
| S69 | 22   | S68 validat\$3                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 13:45 |
| S70 | 1050 | customiz\$3 form field                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 13:45 |
| S71 | 35   | S70 validat\$3                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 15:24 |
| S72 | 0    | 2003/0020959 "6,643,028"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2006/04/04 15:24 |
| S73 | 3    | ("6,643,028").PN. or<br>(2003/0020959).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2006/04/04 15:24 |
| S74 | 2    | ((("20030020959") or ("6,643,028"))).PN.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR   | OFF | 2006/04/04 15:24 |

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| S77 | 2 | ("6345278").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/05 11:31 |
|-----|---|-----------------|---|----|-----|------------------|

|   | 1 | Document ID              | Issue Date | Title  | Current OR    | Inventor                              | 2 | 3 | 4 | 5 |
|---|---|--------------------------|------------|--|---------------|---------------------------------------|---|---|---|---|
| 1 |   | US<br>2006006<br>9689 A1 | 20060330   | Method for<br>accessing<br>and browsing<br>a PLC<br>provided<br>within a<br>network  | 707/100       | Karklins;<br>Gregory et<br>al.        |   |   |   |   |
| 2 |   | US<br>2006002<br>2048 A1 | 20060202   | System and<br>method for<br>anonymous<br>location<br>based<br>services   | 235/462<br>.1 | Johnson;<br>William J.                |   |   |   |   |
| 3 |   | US<br>2006001<br>0230 A1 | 20060112   | System for<br>accessing<br>and browsing<br>a PLC<br>provided<br>within a<br>network  | 709/223       | Karklins;<br>Gregory et<br>al.        |   |   |   |   |
| 4 |   | US<br>2005026<br>8222 A1 | 20051201   | Method of<br>creating,<br>processing<br>and storing<br>HTML<br>documents   | 715/513       | Cheng, Kai<br>Ming                    |   |   |   |   |
| 5 |   | US<br>2005019<br>3269 A1 | 20050901   | System,<br>method, and<br>article of<br>manufacture<br>for<br>synchronizat<br>ion in an<br>automated<br>scripting<br>framework | 714/38        | Haswell,<br>John<br>Jeffrey et<br>al. |   |   |   |   |
| 6 |   | US<br>2005018<br>2655 A1 | 20050818   | System and<br>methods to<br>collect,<br>store,<br>analyze,<br>report, and<br>present data                                      | 705/2         | Merzlak,<br>Steven N.<br>et al.       |   |   |   |   |

|    | 1 | Document ID          | Issue Date | Title   | Current OR | Inventor                        | 2 | 3 | 4 | 5 |
|----|---|----------------------|------------|---|------------|---------------------------------|---|---|---|---|
| 7  |   | US<br>20050138216 A1 | 20050623   | SYSTEM AND METHOD FOR REMOTE COLLECTION OF DATA   | 710/1      | Giles, Christopher D.           |   |   |   |   |
| 8  |   | US<br>20050071512 A1 | 20050331   | System for Interfacing software programs  | 710/1      | Kim, Donte et al.               |   |   |   |   |
| 9  |   | US<br>20040250204 A1 | 20041209   | Web site development software   | 715/517    | Isaacson, Cory                  |   |   |   |   |
| 10 |   | US<br>20040205663 A1 | 20041014   | Undo/redo architecture across multiple files  | 715/530    | Mohamed, Ibrahim A.             |   |   |   |   |
| 11 |   | US<br>20030158832 A1 | 20030821   | Methods and system for defining and creating custom activities within process management software | 707/1      | Sijacic, Michael Anthony et al. |   |   |   |   |
| 12 |   | US<br>20030110443 A1 | 20030612   | Method and apparatus for programmatic learned routing in an electronic form system                | 715/501.1  | Yankovich, Steve et al.         |   |   |   |   |
| 13 |   | US<br>20030036925 A1 | 20030220   | Order generation system and user interface suitable for the healthcare field                      | 705/2      | Miller, Theresa McElwain        |   |   |   |   |

|    | 1 | Document ID          | Issue Date | Title  | Current OR | Inventor                  | 2 | 3 | 4 | 5 |
|----|---|----------------------|------------|--|------------|---------------------------|---|---|---|---|
| 14 |   | US<br>20020174417 A1 | 20021121   | Defining and creating custom data fields within process management software            | 717/147    | Sijacic, Michael et al.   |   |   |   |   |
| 15 |   | US<br>20020065878 A1 | 20020530   | System and method for an administration server   | 709/203    | Paxhia, Frank V. et al.   |   |   |   |   |
| 16 |   | US<br>20020052935 A1 | 20020502   | SYSTEM AND METHOD FOR AN ADMINISTRATION SERVER   | 709/220    | PAXHIA, FRANK V. et al.   |   |   |   |   |
| 17 |   | US<br>20020010595 A1 | 20020124   | Web-based medication management system   | 705/2      | Kapp, Thomas L.           |   |   |   |   |
| 18 |   | US<br>20020002607 A1 | 20020103   | SYSTEM AND METHOD FOR CONFIGURING AND ADMINISTERING MULTIPLE INSTANCES OF WEB SERVERS  | 709/223    | LUDOVICI, DAVID S. et al. |   |   |   |   |
| 19 |   | US<br>7010546 B1     | 20060307   | Method and system for testing data sources and database oriented software applications | 707/103 R  | Kolawa; Adam K. et al.    |   |   |   |   |

|    | 1 | Document ID         | Issue Date | Title   | Current OR | Inventor                     | 2 | 3 | 4 | 5 |
|----|---|---------------------|------------|---|------------|------------------------------|---|---|---|---|
| 20 |   | US<br>7000179<br>B2 | 20060214   | Method and apparatus for programmatic learned routing in an electronic form system                            | 715/500    | Yankovich; Steve et al.      |   |   | X |   |
| 21 |   | US<br>6907546<br>B1 | 20050614   | Language-driven interface for an automated testing framework  | 714/38     | Haswell; John Jeffrey et al. |   |   |   |   |
| 22 |   | US<br>6718535<br>B1 | 20040406   | System, method and article of manufacture for an activity framework design in an e-commerce based environment | 717/101    | Underwood; Roy Aaron         |   |   |   |   |
| 23 |   | US<br>6704873<br>B1 | 20040309   | Secure gateway interconnection in an e-commerce based environment   | 713/201    | Underwood; Roy Aaron         |   |   |   |   |
| 24 |   | US<br>6701514<br>B1 | 20040302   | System, method, and article of manufacture for test maintenance in an automated scripting framework           | 717/115    | Haswell; John Jeffrey et al. |   |   |   |   |



|    | 1 | Document ID         | Issue Date | Title   | Current OR | Inventor                           | 2 | 3 | 4 | 5 |
|----|---|---------------------|------------|---|------------|------------------------------------|---|---|---|---|
| 25 |   | US<br>6633878<br>B1 | 20031014   | Initializing an ecommerce database framework  | 707/100    | Underwood;<br>Roy Aaron            |   |   |   |   |
| 26 |   | US<br>6609128<br>B1 | 20030819   | Codes table framework design in an E-commerce architecture                                    | 707/10     | Underwood;<br>Roy Aaron            |   |   |   |   |
| 27 |   | US<br>6601233<br>B1 | 20030729   | Business components framework   | 717/102    | Underwood;<br>Roy Aaron            |   |   |   |   |
| 28 |   | US<br>6567849<br>B2 | 20030520   | System and method for configuring and administering multiple instances of web servers         | 709/223    | Ludovici;<br>David S.<br>et al.    |   |   |   |   |
| 29 |   | US<br>6523027<br>B1 | 20030218   | Interfacing servers in a Java based e-commerce architecture                                   | 707/4      | Underwood;<br>Roy Aaron            |   |   |   |   |
| 30 |   | US<br>6502102<br>B1 | 20021231   | System, method and article of manufacture for a table-driven automated scripting architecture | 707/102    | Haswell;<br>John<br>Jeffrey et al. |   |   |   |   |
| 31 |   | US<br>6493749<br>B2 | 20021210   | System and method for an administration server  | 709/220    | Paxhia;<br>Frank V.<br>et al.      |   |   |   |   |

|    | 1 | Document ID              | Issue Date | Title  | Current OR | Inventor                           | 2 | 3 | 4 | 5 |
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| 32 |   | US<br>6393477<br>B1      | 20020521   | System and method for an administration server       | 709/223    | Paxhia;<br>Frank V.<br>et al.      |   |   |   |   |
| 33 |   | NN76053<br>971           | 19760501   | User Configurable Local Storage Registers. May 1976. |            |                                    |   |   |   |   |
| 34 |   | NN71063<br>12            | 19710601   | Tailoring of an Application Model. June 1971.        |            |                                    |   |   |   |   |
| 35 | X | US<br>2005008<br>0756 A1 | 20050414   | Universal forms engine                               | 707/1      | Hitchcock,<br>Michael D.<br>et al. |   |   |   |   |

|   | 1 | Document ID              | Issue Date | Title  | Current OR    | Inventor                            | 2 | 3 | 4 | 5 |
|---|---|--------------------------|------------|--|---------------|-------------------------------------|---|---|---|---|
| 1 |   | US<br>2006003<br>6612 A1 | 20060216   | Document<br>assembly<br>system   | 707/100       | Harrop;<br>Jason<br>Brett et<br>al. |   |   |   |   |
| 2 |   | US<br>2004000<br>2952 A1 | 20040101   | Apparatus<br>and method<br>for parsing<br>XML document<br>by using<br>external XML<br>validator  | 707/1         | Lee, Jae-<br>shin et<br>al.         |   |   |   |   |
| 3 |   | US<br>2002019<br>8719 A1 | 20021226   | Reusable<br>voiceXML<br>dialog<br>components,<br>subdialogs<br>and beans   | 704/270<br>.1 | Gergic,<br>Jaroslav<br>et al.       |   |   |   |   |
| 4 |   | NNRD445<br>161           | 20010501   | Method and<br>System for<br>Visually<br>Constructing<br>Document<br>Type<br>Definitions<br>and Related<br>Artifacts<br>Using a<br>Reusable<br>Object Model |               |                                     |   |   |   |   |
| 5 | X | NNRD428<br>95            | 19991201   | XML Element<br>Forms:<br>Building<br>Blocks of<br>XML-Based<br>Applications  |               |                                     |   |   |   |   |